



# 14 DECEMBER 2022 AUSTRALIAN INSTITUTE OF PHYSICS CONGRESS FOCUSED SESSION: NATIONAL VISION FOR NUCLEAR SCIENCE AND APPLICATIONS

The 2021 AUKUS security agreement brought Australia's sovereign capability in nuclear science sharply into focus. However, **research in nuclear and radiation science and its applications** extends far beyond the realm of nuclear-powered submarines (e.g., targeted radiotherapy and diagnostics, space-related industry, quantum technology, nuclear engineering, environmental monitoring, critical minerals and mining industries to name a few). To facilitate this, **a national and multi-level approach to nuclear education** is urgently required to uplift capacity and train a capable workforce.

This **Focused Session at the Australian Institute of Physics Congress** aims to connect many of the nation's nuclear experts to address this topic through short presentations and discussion. It will enable established and emerging research and education groups to further identify areas of common interest, and develop ideas to achieve a national approach to nuclear science and applications.

Participants from all backgrounds are welcome. For more information, please visit the Congress website or contact the session convenor.

<https://aip-congress.org.au/>



## Confirmed speakers

Prof Eva Bezak,  
University of South Australia.

Dr Ceri Brenner,  
Australian Nuclear Science and  
Technology Organisation.

Prof Mahananda Dasgupta,  
Australian National University.

Dr Jacinda Ginges,  
University of Queensland.

Cameron Jefferies,  
Australasian Radiation Protection  
Society.

Dr Edward Obbard,  
University of New South Wales.

A/Prof Scott Penfold,  
Australian Bragg Centre for  
Proton Therapy and Research,  
and University of Adelaide.

Prof Nigel Spooner,  
University of Adelaide.

Convened by Dr AJ Mitchell,  
Australian National University.

## EVENT DETAILS

**Location:** Adelaide  
Convention Centre

**Date:** 14 December 2022

Session 1: 11:00 – 12:30  
Session 2: 14:00 – 15:30

**Contact:** [aj.mitchell@anu.edu.au](mailto:aj.mitchell@anu.edu.au)